



**NCER Funded
Small Business Innovation Research
(SBIR) Research Projects:**

Region 3 - Johns Hopkins University Grant List



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH



Office of Research and Development
U.S. Environmental Protection Agency

Tabular Query Results of NCER Program and Solicitation Information

20 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Amount
1	U91-5333	Global Climate Change on Human Health	Johns Hopkins University	Michelle L. Bell	34,000
2	R826724	Genetic Mechanisms of Susceptibility to Inhaled Pollutants	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University	Dr. Peyton Eggleston , MD; Steven K. Kleeberger, Ph.D.	EPA \$3.6M NIESH \$3.6M
3	R826724	The Relationship Of Airborne Pollutants And Allergens To Asthma Morbidity	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University	Dr. Peyton Eggleston , MD; Jouni Jaakkola M.D., Ph.D.	EPA \$3.6M NIESH \$3.6M
4	R826724	Mechanisms Of Particulate-Induced Allergic Asthma	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University	Dr. Peyton Eggleston , MD; Marsha Wills-Karp, Ph.D.	EPA \$3.6M NIESH \$3.6M
5	R826724	A Randomized, Controlled Trial of Home Exposure Control in Asthma	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment;	Dr. Peyton Eggleston , MD; Peyton A. Eggleston, M.D.	EPA \$3.6M NIESH \$3.6M

			Johns Hopkins University		
6	U915239	Sediment Entrainment and Stream Benthic Communities: Implications for Freshwater Bioassessment	Johns Hopkins University	Stephen Kenworthy	none
7	R824995	Integrated Assessment of the Public Health Effects of Climate Change for the United States	Johns Hopkins University, University of Maryland, University of South Florida, Penn State University, Georgia Institute of Technology, USDA, University of Delaware	Jonathan Patz, Hugh Ellis, Rita Colwell, Joan Rose, Anne Fisher, Anne Bostrom, Dana Focks, and Laurence Kalkstein	\$2,700,728
8	none	In-Situ Bioremediation of Organic Compounds: Coupling of Mass Transfer and Biodegradation	New Jersey Institute of Technology; John Hopkins University	Dr. Gordon A. Lewandowski; Dr. Edward J Bouwer	none
9	R826376	Formation of Metal-Phosphonate Complexes and Their Subsequent Chemical Reactions with Mineral Surfaces	The Johns Hopkins University	Alan T. Stone and Bernd Nowack	\$276,944
10	R827406	Geographic Pattern of Population Change as a Key to Understanding Declines of Neotropical Migratory Birds	Brigham Young University, Montana State University, University of Idaho, Johns Hopkins University	Brian A. Maurer, Mark L. Taper, Brian Dennis, Subhash Lele	none
11	R827406	Geographic Pattern of Population Change as a Key to Understanding Declines of Neotropical Migratory Birds	Brigham Young University, Montana State University, University of Idaho, Johns Hopkins University	Brian A. Maurer, Mark L. Taper, Brian Dennis, Subhash Lele	none
12	R825406	Bioavailability of Aromatic Hydrocarbons in Saturated Porous	Johns Hopkins University	Edward J. Bouwer and William P. Ball	\$439,725

		Media The Effects of Chemical Aging and Mass Transfer			
13	R825996	Delineating Optimal Wetland Habitat Corridors for Inclusion in Migratory Flyways	Johns Hopkins University	Charles ReVelle, John Boland, Stephanie Snyder, Justin Williams	\$227,858
14	R826269	Role of Reduced Sulfur Species in Promoting the Transformation of Triazines in Estuaries and Salt Marshes	Johns Hopkins University	A. Lynn Roberts and H. Salmun	\$304,163
15	U915172	Reductive Transformation of Agrochemicals in Model Aqueous Systems: Role of Ferrous Iron Speciation	The Johns Hopkins University	Timothy J. Strathmann	none
16	U915333	The Impact of Global Climate Change on Urban Air Pollution and Human Health	Johns Hopkins University	Michelle L. Bell	none
17	R825150	Modeling and Multiobjective Risk Decision Tools for Assessment and Management of Great Lakes Ecosystems	Johns Hopkins University , Case Western Reserve University	Benjamin F. Hobbs; Joseph F. Koonce	\$620,259
18	R825815	Effect of Inhaled Acid-Coated Particles on Alveolar Macrophage Function: Genetic Susceptibility	Johns Hopkins University	Steven R. Kleeberger and George J. Jakab	\$561,577
19	U915600	Kinetics and Pathways of Chlorinated Ethylene and Chlorinated Ethane Reaction with Zero-Valent Metals	The Johns Hopkins University	William A. Arnold	none
20	U914930	Examining the Interactions Between Economic Policies and Deforestation in the Brazilian Amazon: Feedback Effects of Land Degradation on Land-Use Patterns	Johns Hopkins University	Andrea Cattaneo	none

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